

REMARKS

Claims 1, 4, 6-7, 9-10 and 24-28 are pending in this application. Claims 2-3, 5, 8 and 11-23 have been canceled without prejudice to or disclaimer of the underlying subject matter. Claims 1, 4, 6 and 24 have been amended. No new matter has been added.

With respect to the claim objection listed in paragraph 5, Applicant has amended claim 6 to correct its dependency. As amended, claim 6 depends from independent claim 4. Applicant submits that the rejection with respect to claim 6 is moot and should be withdrawn.

The pending rejections with respect to the claims are addressed below.

The Office Action rejects under 35 U.S.C. § 102(b) claims 1, 3-6, and 9-11 as being anticipated Applicant's Admitted Prior Art ("APA") identified by the Examiner. Claims 7 stands rejected under 35 U.S.C. § 103(a) as being un-patentable over APA in view of Wise, Bowden G. *Casting in C++: Bringing Safety and Smartness to Your Programs* (1196) (hereinafter *Wise*). Claims 1, 4, 6, 7, 9, 10 and 24-27 are rejected under 35 U.S.C. § 103(a) as being un-patentable over Mintz, U.S. Patent No. 6,305,007 (hereinafter *Mintz*) in view of *Wise*. Claim 28 is rejected under 35 U.S.C. § 103(a) as being un-patentable over *Mintz* in view of *Wise*, and further in view of Applicant's own disclosure. Claims 24-27 are rejected under 35 U.S.C. § 103(a) as being un-patentable over Henninger et al., U.S. Patent No. 5,499,371 (hereinafter *Henninger*) in view of *Wise*.

Applicant traverses these rejections.

"A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 Fed. Cir. 1987).

As amended, independent claim 1 recites, among other features, "the mapping software provides bidirectional access between the object and the non-object oriented data."

Applicant respectfully submits that independent claim 1 (as presented) is not anticipated by any applied prior-art reference. For example, neither *Mintz*, *Wise* or *Henninger* disclose or suggest providing bidirectional access between the object and the non-object oriented data, as claimed. This feature of the invention is neither described in

any of the applied references nor admitted to be prior-art by the Applicant. Support for this feature can be found in the specification beginning at page 3, line 7, for example.

Therefore, Applicant respectfully submits that independent claim 1 is in condition for allowance over the applied prior-art for at least these reasons.

The applied references, applied separately or in combination, fail to disclose or suggest, "providing bi-directional access, wherein the bi-directional access permits retrieval of the object oriented data based on the non-object oriented data," as recited, among other features, in independent claims 4 and 24 (both as presented). As described above, *Mintz*, *Wise* or *Henninger* fail to disclose or suggest providing bi-directional access to data which permits retrieval of the object oriented data based on the non-object oriented data, as claimed. Therefore, independent claims 4 and 24 are in condition for allowance over the applied prior-art for at least those reasons described above.

Claims 6-7 and 9-10 depend from independent claim 4, and claims 25-28 depend from independent claim 24. Therefore, claims 6-7, 9-10 and 25-28 are in condition for allowance for the reasons stated above and for the additional features recited therein.

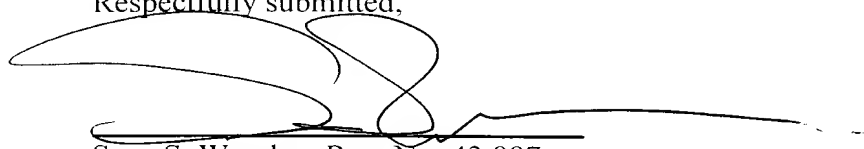
CONCLUSION

In view of the above amendments and remarks, Applicant believes that all of the objections and rejections against this application have been fully addressed and that the application is now in condition for allowance. Therefore, withdrawal of the outstanding objections and rejections and a notice of allowance for the application are respectfully requested.

It is believed that no extensions of time or fees are required, beyond those that may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required (including fees for net addition of claims) are hereby authorized to be charged to Hewlett-Packard Development Company's deposit account no. 08-2025.

If the Examiner believes that a personal or telephonic interview would be of value in expediting the prosecution of this application, the Examiner is hereby invited to telephone the undersigned counsel to arrange for such a conference.

Respectfully submitted,



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